

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S1 | 1 | "5471568".pn. | US-PGPUB; USPAT | OR | OFF | 2004/09/22 11:11 |
| S2 | 3 | ("5454071" "5600763" "5970496").pn. | US-PGPUB; USPAT | OR | OFF | 2004/09/22 11:56 |
| S3 | 3221 | DAG | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 11:58 |
| S4 | 1230 | direct\$3 near2 acyclic near2 graph\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 11:58 |
| S5 | 20 | direct\$3 near2 adjacen\$3 near2 graph\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 11:59 |
| S6 | 4727 | (leaf leaves) adj2 node | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:00 |
| S7 | 562 | expression adj2 tree | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:00 |
| S8 | 124 | raster adj2 (pixel with image) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:00 |
| S9 | 12458 | graphic\$3 near2 object | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:01 |
| S10 | 1448947 | table | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:01 |

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|-----|--------|---|---|----|-----|------------------|
| S11 | 255472 | travers\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:01 |
| S12 | 467 | binary adj2 node | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:03 |
| S13 | 6 | ((direct\$3 near2 adjacency near2 graph\$2) DAG (direct\$3 near2 acyclic near2 graph\$2)) and (((leaf leaves) adj2 node) with (expression adj2 tree)) and (((leaf leaves) adj2 node) with travers\$4) ((binary adj2 node) with travers\$4)) and table | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 12:08 |
| S14 | 27 | ((direct\$3 near2 adjacency near2 graph\$2) DAG (direct\$3 near2 acyclic near2 graph\$2)) and (((leaf leaves) adj2 node) with travers\$4) ((binary adj2 node) with travers\$4)) and table | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 13:35 |
| S15 | 1 | (raster adj2 (pixel with image)) and table and (travers\$4 same ((binary adj2 node) ((leaf leaves) adj2 node))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 13:36 |
| S16 | 5 | (raster adj2 (pixel with image)) and table and (travers\$4 and ((binary adj2 node) ((leaf leaves) adj2 node))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 13:37 |
| S17 | 4 | ("5471568" "5970496" "5600763" "5454071").pn. | US-PGPUB; USPAT | OR | OFF | 2004/09/22 14:55 |
| S18 | 4 | ((("5471568" "5970496" "5600763" "5454071").pn.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 14:55 |
| S19 | 2 | ((("5471568" "5970496" "5600763" "5454071").pn.) and (leaf adj2 node) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/22 14:55 |
| S20 | 1233 | direct\$3 near2 acyclic near2 graph\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 08:16 |

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| S21 | 8 | direct\$3 near2 adjacency near2 graph\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 16:31 |
| S22 | 4 | ("5754121" "5970496").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 10:39 |
| S23 | 4 | ("5745121" "5970496").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 10:39 |
| S24 | 4 | ("5745121" "5970496").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 13:06 |
| S25 | 2 | ((("5745121" "5970496").pn.) and (table with stor\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 13:06 |
| S26 | 2 | "6483519".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 06:45 |
| S27 | 3 | tree with (active near2 node) same travers\$4 same (left right) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/28 06:53 |
| S28 | 0 | 717/2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 13:23 |
| S29 | 892 | 345/619.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 13:23 |
| S30 | 1419 | (345/62? 345/630 345/631).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 13:23 |

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| S31 | 2542 | Silverbrook.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:02 |
| S32 | 623 | Walmsley.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:02 |
| S33 | 199 | S31 and S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:02 |
| S34 | 2525 | Silverbrook-K\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:02 |
| S35 | 329 | Walmsley-S\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:02 |
| S36 | 198 | S33 and S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:03 |
| S37 | 19 | S36 and Canon-\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:07 |
| S38 | 2 | "5454071".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:04 |
| S39 | 0 | AU9947508A | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:07 |
| S40 | 3 | "9947508".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:25 |

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| S41 | 2 | "6483519".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 10:25 |
| S42 | 1015 | 345/619.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 12:53 |
| S43 | 1581 | (345/62? 345/630 345/631).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 12:53 |
| S44 | 3 | tree with (active near2 node) same travers\$4 same (left right) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:36 |
| S45 | 5054 | travers\$4 with (tree DAG (direct\$4 adj (adjacen\$4 acyclic) adj graph)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:37 |
| S46 | 2306 | left near (object node element item) same right near (object node element item) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:37 |
| S47 | 1702 | left near (object node element item) with right near (object node element item) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:37 |
| S48 | 121 | S45 and S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:37 |
| S49 | 13 | S45 same S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:47 |
| S50 | 7 | (US-5454071-\$ or US-5471568-\$ or US-5600763-\$ or US-5745121-\$ or US-5970496-\$ or US-6483519-\$).did. or (AU-9338233-\$).did. | USPAT; DERWENT | OR | ON | 2005/12/10 13:38 |

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| S51 | 13 | S49 not S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:38 |
| S52 | 86 | S45 same preorder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:47 |
| S53 | 33 | S45 same postorder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:47 |
| S54 | 96 | S45 with (preorder postorder) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:54 |
| S55 | 0 | (scanline (scan adj line)) near2 (convert\$4 convers\$4) same S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:55 |
| S56 | 4 | (scanline (scan adj line)) near2 (convert\$4 convers\$4) and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 13:56 |
| S57 | 1 | AU-9947508-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:06 |
| S58 | 15 | conditional near2 travers\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:33 |
| S59 | 1654 | condition\$3 near2 travers\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 18:43 |

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| S60 | 30 | S59 same S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:33 |
| S61 | 27 | S59 with S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:33 |
| S62 | 11 | (US-5454071-\$ or US-5471568-\$ or US-5600763-\$ or US-5745121-\$ or US-5970496-\$ or US-6483519-\$ or US-6553002-\$ or US-6012061-\$ or US-6330003-\$).did. or (AU-9338233-\$ or AU-9947508-\$). did. | USPAT; DERWENT | OR | ON | 2005/12/10 14:33 |
| S63 | 27 | S61 not S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:34 |
| S64 | 26 | S63 not S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 14:34 |
| S65 | 4028 | DAG | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 18:44 |
| S66 | 1594 | direct\$3 near2 acyclic near2 graph\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 18:44 |
| S67 | 1654 | condition\$3 near2 travers\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 18:44 |

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| S68 | 8 | S67 same (S65 S66 tree) and (optimizat\$4 optimiz\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:15 |
| S69 | 36 | (S65 S66 tree) same ((node element object item) with flag with (active activity designat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:18 |
| S70 | 2 | US-5912672-A.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:17 |
| S71 | 202 | (S65 S66 tree) same ((node element object item) with (flag state) with (active activity designat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:18 |
| S72 | 79 | (S65 S66 tree) same ((node element object item) with (flag state) near2 (active activity designat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:19 |
| S73 | 215 | (S65 S66 tree) same ((node element object item) with (flag state level) near2 (active activity designat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:20 |
| S74 | 5054 | travers\$4 with (tree DAG (direct\$4 adj (adjacen\$4 acyclic) adj graph)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:20 |
| S75 | 47 | S73 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:21 |

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| S76 | 4 | S73 same S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:23 |
| S77 | 43 | S75 not S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:23 |
| S78 | 16 | (US-20040107277-\$).did. or (US-5454071-\$ or US-5471568-\$ or US-5600763-\$ or US-5745121-\$ or US-5970496-\$ or US-6483519-\$ or US-6553002-\$ or US-6012061-\$ or US-6330003-\$ or US-6635089-\$ or US-5768596-\$ or US-5912672-\$ or US-5873064-\$).did. or (AU-9338233-\$ or AU-9947508-\$). did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/12/10 19:23 |
| S79 | 43 | S77 not S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/10 19:23 |
| S80 | 2 | tree with node same active near (flag bit) and travers\$4 with tree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 11:37 |
| S81 | 0 | tree with node same active near (flag) and travers\$4 with tree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 11:37 |
| S82 | 1 | tree with node same active near3 (flag) and travers\$4 with tree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 11:43 |
| S83 | 4 | (child leaf) adj (node element) with active adj (flag bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 11:44 |